

Rabbit anti-Human, Mouse DDX41 Polyclonal Antibody | anti-DDX41 antibody

Rabbit anti-DDX41 Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211296	Rabbit	Human, Mouse	Immunoprecipitation, Western Blot

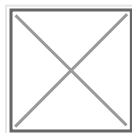
PRODUCT SYNONYMS

DDX41; Polyclonal Antibody; Rabbit anti-DDX41 Antibody; Affinity Purified; DEAD box protein abstract homolog; putative RNA helicase; probable ATP-dependent RNA helicase DDX41; DEAD-box protein abstract; DEAD box protein 41; DEAD (Asp-Glu-Ala-Asp) box polypeptide 41; ABS; MPLPF; Probable ATP-dependent RNA helicase DDX41; DEAD-box helicase 41; anti-DDX41 antibody

PRODUCT SPECIFICATIONS

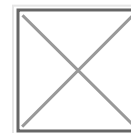
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-DDX41 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Between 572 and C-terminus
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



WB (Western Blot)

Detection of human and mouse DDX41 by western blot. Samples: Whole cell lysate from HeLa (50, 15 ug) and mouse NIH 3T3 (50 ug) cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DDX41 antibody AAA211296 (lot AAA211296-2) used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IP (Immunoprecipitation)

Detection of human DDX41 by western blot of immunoprecipitates. Samples: Whole cell lysate (0.5 or 1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-DDX41 antibody AAA211296 (lot AAA211296-2) used for IP at 6 ug per reaction. DDX41 was also immunoprecipitated by a previous lot of this antibody AAA211296-1. For blotting immunoprecipitated DDX41, AAA211296 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX41 antibody

DDX41 is a member of the DEAD box family of proteins that possesses several conserved motifs which include the highly conserved DEAD (Asp-Glu-Ala-Asp) amino acid sequence motif. The major activity of DEAD box proteins is to function as ATP-dependent RNA helicases. As helicases, DEAD proteins play an important role in all aspects of RNA metabolism and function which include pre-mRNA splicing, RNA synthesis, RNA degradation, RNA export, RNA translation, RNA secondary structure formation, ribosome biogenesis, and the assembly of RNP complexes. The function of DDX41 has not been determined.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21071031
NCBI GeneID	51428
NCBI Accession #	NP_057306.2
NCBI GenBank Nucleotide #	NM_016222
UniProt Accession #	Q9UJV9; Q96BK6; Q96K05; Q9NT96; Q9NW04; B2RDC8
Molecular Weight	69,838 Da
NCBI Official Full Name	Homo sapiens DEAD (Asp-Glu-Ala-Asp) box polypeptide 41 (DDX41), mRNA
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 41
NCBI Official Symbol	DDX41
NCBI Official Synonym Symbols	ABS
NCBI Protein Information	probable ATP-dependent RNA helicase DDX41; 2900024F02Rik; DEAD box protein 41; DEAD box protein abstrakt homolog; DEAD-box protein abstrakt; putative RNA helicase
UniProt Protein Name	Probable ATP-dependent RNA helicase DDX41
UniProt Gene Name	DDX41
UniProt Synonym Gene Names	ABS
UniProt Entry Name	DDX41_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddx41-antibody-immunoprecipitation-western-blot-elisa/211296>